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ABSTRACT

This Health Careers Guidebook, prepared by the Idaho Recruitment Council, was designed to assist the counselor of students interested in health careers. Included are descriptions of various careers and information on career categories, institutions where training is available, and scholarship information. Although the guidebook specifically focuses on programs in the State of Idaho, it offers a format and basic information and suggestions useful to others developing similar guides. (SPT)

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HEALTH CAREERS GUIDEBOOK

FOR

IDAHO COUNSELORS AND STUDENTS

U S DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION

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Prepared by

Idaho Health Careers Recruitment Council

P. O. Box 7482

Boise, Idaho 83707

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TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC) AND USERS OF THE ERIC SYSTEM."

February 1972

FOREWARD

People today, more than ever before, are demanding quality health care for themselves and their families. This increasing demand for health services has resulted in health care becoming the largest U.S. industry in the 1970's. With the growth of this industry, there has been the related need for more health professionals to provide care as well as for new kinds of health manpower to fill newly created needs.

The Idaho Health Careers Recruitment Council, comprised of representatives from health professions, health agencies and educational institutions throughout Idaho, is interested in encouraging Idaho students to enter health careers. As a school counselor, you may be most influential in assisting the student in the selection of a career, and this booklet outlines some of the health career opportunities available today. Particular emphasis has been placed on programs for which training is available in Idaho. Wherever possible, we have tried to list other sources where additional information may be obtained to complement that outlined in this booklet. This information is merely a guide -- a compilation of all the possible programs available would be formidable.

This booklet has been designed in looseleaf format to facilitate periodic updating.

We hope that the following career categories will assist you in counseling your students into health career opportunities. If you have questions or would like further assistance or direction, please contact:

Idaho Health Careers Recruitment Council
P.O. Box 7482
Boise, Idaho 83707
Telephone: (208) 343-7786

INTRODUCTION

With more than 200 types of employment possibilities, the health care field can provide a career to fit almost any interest. Health care has mushroomed into the largest U.S. industry, creating a greater number and a wider variety of career opportunities. This guidebook outlines information on the broad, well recognized health careers. In many of these categories, assistant or supportive personnel complement the health care team. The 1970's is also witnessing the emergence of new types of manpower, such as the physician's assistant and the nurse practitioner, to meet special needs.

A student need not have a college degree to enter a health career. Many supportive health workers and assistants receive on-the-job training. Others can prepare, through their high school educational programs, for some of the many semi-professional positions available in health related positions. The health care industry has job opportunities in office careers, accounting and bookkeeping, electronic data processing, purchasing, library work, personnel, public relations, photography, carpentry or maintenance, to name a few.

The following section outlines some of the more widely known health careers. More detailed information is available from the local or national organization listed or from the Idaho Health Careers Recruitment Council.

ACKNOWLEDGMENTS

The Idaho Health Careers Recruitment Council wishes to thank the many individuals and organizations who helped make this issue of the Idaho Health Careers Guidebook available. Hospital Administrators throughout the state and all the Idaho college and university schools of health sciences assisted in updating the information first listed in the 1970 edition of Health Careers in Idaho.

The information for this edition was compiled by representatives of the Idaho Hospital Association and the Idaho office of the WICHE - Mountain States Regional Medical Program,* which funded the printing of this edition.

The Idaho Health Careers Recruitment Council also expresses appreciation to the Montana office of WICHE - Mountain States Regional Medical Program for sharing their format and a great deal of the information included herein.

* The WICHE - Mountain States Regional Medical Program encompasses Idaho, Montana, Nevada and Wyoming. It is one of 56 Regional Medical Programs throughout the nation, authorized by Congress under PL 89-239.

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AUDIOLOGIST AND SPEECH PATHOLOGIST

DESCRIPTION: Specialists in speech and hearing have the common goal of helping speech-handicapped children and adults to talk in as nearly normal a fashion as possible. The audiologist concentrates on hearing and may specialize in testing, on work with deaf children or adults, hearing rehabilitation or hearing conversation. The speech pathologist diagnoses and treats speech difficulties and his clients may range from small children to adults.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School	Science & Speech	Diploma (college preparatory)
2. College		4 years
3. Graduate School		1 or 2 years

IDAHO SCHOOLS:

	Length of Program	Degree or Certificate
Idaho State University Pocatello	4 year 1 year	B.S. M.S.

OPPORTUNITIES: There are positions for qualified audiologists and speech pathologists in public and private schools, colleges and universities, hospital and community clinics, rehabilitation centers, governmental agencies, research and private practice.

ADDITIONAL INFORMATION:

Write: Idaho Speech and Hearing Association
Idaho State University
Pocatello, Idaho 83201
Attention: Margaret Palmer

American Speech and Hearing Association
1001 Connecticut Avenue, N.W.
Washington, D.C. 20036

National Association of Hearing and Speech Agencies
919 - 18th Street Northwest
Washington, D.C. 20006

DENTIST

DESCRIPTION: The practice of dentistry deals primarily with the diagnosis, treatment, and prevention of diseases of the dental structures, which includes the teeth, gums, jaws and related organs of the mouth. Dentists treat infections of the teeth and gums, correct deformities of the teeth and also collaborate with physicians on related medical problems such as cancer, congenital deformities of the mouth, and systemic infections of dental origin. The dentist may be assisted by a dental hygienist, a dental assistant or a dental laboratory technician.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School	Biology, Chemistry, Physics, English, Mathematics	4 years
2. College	English, Biology, Physics, Organic & Inorganic Chemistry	4 years* premedical or predentistry
3. Dental School		4 years

* Some dental schools will admit students with three years of undergraduate college preparation. Students wishing to enter a dental specialty field should plan on 2-3 years of postgraduate study.

IDAHO SCHOOL OR HOSPITAL:

	Length of Program	Degree or Certificate
Boise State College Boise	4 year	B.S. (pre-dental)
College of Idaho Caldwell	4 year	B.S. or B.A. (pre-dental)
College of Southern Idaho Twin Falls	2 year	A.A. (pre-dental)
Idaho State University Pocatello	3 year	B.S. in Zoology after completion of first year of Dental School (pre-dental)
North Idaho College Coeur d'Alene	2 year	A.S. (pre-dental)

DENTIST

CONTINUED

IDAHO SCHOOL OR HOSPITAL: (CONT.)

	Length of Program	Degree or Certificate
Northwest Nazarene College Nampa	4 year	(pre-dental)
Ricks College Rexburg	2 year	A.S. (pre-dental)
University of Idaho Moscow	4 year	B.S. (pre-dental)

OPPORTUNITIES: According to the latest figures, about 95,000 dentists were at work in the United States. Nine out of every ten were in private practice. Of the remainder, nearly 6,000 served as commissioned officers in the Armed Forces; and about 1,200 had other types of Federal Government positions, and about 15,000 held full-time positions in schools, hospitals or state and local health agencies. Only about 4% are recognized as specialists. The demand for dental services is increasing faster than the supply of new dentists. The growth in population, the growing awareness of the importance of regular dental care, the development of new payment arrangements, and expanded dental research require more trained personnel.

ADDITIONAL INFORMATION:

Write: Idaho State Dental Association
1487 W. Hays
Boise, Idaho 83702

American Dental Association
211 East Chicago Avenue
Chicago, Illinois 60611

National Dental Association
P.O. Box 197
Charlottesville, Virginia 22902

DENTAL ASSISTANT

DESCRIPTION: The dental assistant receives patients and prepares them for treament, assists the dentist at chairside during patient examination and treatment, and performs such clerical and stenographic duties as making appointments, recording treatment, and keeping the accounts.

EDUCATION

	SCHOOL	STUDY	TIME
1.	High School	Science & Business	4 years
2.	Junior College Vocational-Technical School On-the-Job Training		1-2 years

Note: Special certificates are now obtainable from the American Dental Assistants Association following completion of specific American Dental Assistants Association courses. Dental colleges and vocational schools offer training for the dental assistant.

IDAHO SCHOOL OR HOSPITAL:

	Length of Program	Degree or Certificate
Boise State College Boise	1 year	Certificate

OPPORTUNITIES: There is a great need for dental assistants since there is an increased demand for dentists.

ADDITIONAL INFORMATION:

Write: Idaho Dental Assistants Association
Linda Owens, President
606 Avenue E
Boise, Idaho 83702

American Dental Assistants Association
211 East Chicago Avenue, Suite 1230
Chicago, Illinois 60611

DENTAL HYGIENIST

DESCRIPTION: The dental hygienist, working under the supervision of the dentist, cleans teeth by removing stains and deposits, polishes teeth, massages gums, and charts conditions of decay and disease for diagnosis by the dentist. The dental hygienist takes, develops and mounts X-rays and may provide patient dental education by demonstrating the techniques of mouth care and proper diet.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School	College prep. with emphasis on Math, English, & Science	4 years
2. College	May lead to either associate or bachelor's degree, depending upon school.	2-4 years

IDAHO SCHOOL OR HOSPITAL:

	Length of Program	Degree or Certificate
Boise State College Boise	2 year	A.S. (pre-dental hygiene)
Idaho State University Pocatello	3 year	Certificate, A.S.
	4 year	B.S. or B.A.
Northwest Nazarene College Nampa	2 year	pre-dental hygiene

OPPORTUNITIES: Approximately 10,000 dental hygienists are in practice in the United States; almost all are women. The majority are employed in private dental offices; about one-fourth work for public health agencies or school systems; a few work in industrial plants, clinics, hospitals, and dental hygiene schools, and as civilian employees of the Armed Forces. The current shortage of qualified dental hygienists will continue during the next decade. The American Dental Hygienists' Association reports twice as many job openings as qualified applicants.

ADDITIONAL INFORMATION:

Write: Idaho Dental Hygienists' Association
Mrs. Linda Carter, Sec.
2702 Augusta
Boise, Idaho 83702

American Dental Hygienists' Association
211 East Chicago Avenue, Room 1616
Chicago, Illinois 60611

DENTAL LABORATORY TECHNICIAN

DESCRIPTION: The dental technician is a supporting craftsman to the dentist. He constructs dentures, crowns, bridges and inlays. In creating his products, the dental lab technician works with a wide variety of tools and materials, including plastics, gold, metal, drills, lathes and intricate hand tools.

EDUCATION:

	SCHOOL	STUDY	TIME
1.	High School	Chemistry, Ceramics and Art	4 years
2.	Junior College Vocational-Technical School On-the-Job Training		1-2 years

Note: Requirements include a high school education with several years of on-the-job training, but a college education is strongly recommended.

IDAHO SCHOOL OR HOSPITAL: None

OPPORTUNITIES: Since there is a need for dentists, there is a need for dental technologists. People are living longer, which has increased the demand for false teeth and inlay work.

ADDITIONAL INFORMATION: Write: National Association of Certified Dental Laboratories, Inc.
1330 Massachusetts Avenue, N.W.
Washington, D.C. 20005

American Dental Association
Council on Dental Education
211 East Chicago Avenue
Chicago, Illinois 60611

DIETITIAN AND NUTRITIONIST

DESCRIPTION:

Dietitians apply the scientific knowledge of nutrition and management to the feeding of individuals and groups in hospitals, schools, and other public and private institutions. An administrative dietitian is responsible for all aspects of operating a food service (menu planning, purchasing, supervision, etc.). A therapeutic dietitian is the member of the medical team who interprets dietary recommendations to the patients and families. She plans the menus for therapeutic diets and supervises their service and acceptance. She contributes current dietary information to the in-service training of the medical and nursing staffs.

A teaching dietitian may instruct college students, dietetic or medical interns, or nursing students. Some dietitians are engaged in research. In large institutions a dietitian may concentrate in one of the above specialized areas, but in smaller facilities, she may be responsible for all. Dietitians act as consultants to health facilities or food and equipment companies.

Nutritionists are skilled in interpreting and applying the scientific principles of nutrition to individuals and groups. They organize, plan and conduct a variety of programs concerning nutrition to assist in promoting health and controlling disease. They advise health and other agencies on the nutritional phases of their programs; conduct in-service classes for professional staff in the agencies. A nutritionist counsels patients and families in homes and in clinics. They also engage in teaching, research and consultation.

EDUCATION:

SCHOOL	STUDY	TIME
1. College	Bachelor's Degree in Foods & Nutrition and Institution Management	4 years
2. Internship* (Dietitians)	Supervised by the American Dietetic Association	6 months to 1 year
3. Graduate Work (Public Health Nutritionist)	Master's Degree in Nutrition or Public Health Nutrition	1-2 years

* In a few selected cases a pre-planned program of on-the-job training may be substituted for the internship, but prior approval for the work must be obtained from the American Dietetic Association. An internship is strongly recommended.

DIETITIAN
CONTINUED

EDUCATION:
(CONT.)

SCHOOL	STUDY	TIME
4. Graduate Work (College) (Teaching)	Master's Degree in Foods & Nutrition or Institution Management	1-2 years

IDAHO SCHOOL OR HOSPITAL:

	Length of Program	Degree or Certificate
University of Idaho Moscow Choice of Majors a. Dietetics and Institutional Management b. Food and Nutrition Research	4 years	B.S.

ADDITIONAL INFORMATION:

Write: Nutrition Consultant
Idaho State Department of Health
Statehouse
Boise, Idaho 83707

The American Dietetic Association
620 North Michigan Avenue
Chicago, Illinois 60611

Public Health Service
National Institutes of Health
Bureau of Health Professions Education
& Manpower Training
Information Office
9000 Rockville Pike
Bethesda, Maryland 20014

FOOD SERVICE MANAGER

DESCRIPTION: The food service administrator plans and supervises the preparation of meals for patients, staff, and visitors to the hospital or nursing homes, provides food service in the hospital's or nursing home's private dining room, snack bar and coffee shop and arranges special functions such as teas, receptions and dinners. The food service administrator, who may be either a man or a woman, is also responsible for diet service for patients who have special nutrition needs. His staff may be comprised of registered dietitians, supervisors, cooks, bakers, food service workers, waitresses, cashiers, and clerical and accounting personnel. The food service manager must have a comprehensive knowledge of the principles of food service, including purchasing, storage, preparation and distribution. As a department head, the food service administrator writes job descriptions, interviews and selects personnel, establishes work schedules and performs other administrative functions.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School	Science courses	4 years
2. College	Bachelor's degree in Foods, Nutrition, Food Service Administration	4 years
3. Internship	Supervised by American Dietetic Association	1 year

IDAHO SCHOOL OR HOSPITAL:

	Length of Program	Degree or Certificate
Idaho State University Pocatello	9 months	Certificate
Northwest Nazarene College Nampa	2 year	Certificate
University of Idaho Moscow	4 year	B.S.

Choice of Majors

a. Food and Nutrition Research
b. Dietetics and Institutional Management

FOOD SERVICE MANAGER
CONTINUED

ADDITIONAL INFORMATION:

Write: American Society for Hospital Food
Service Administrators
840 North Lake Shore Drive
Chicago, Illinois 60611

American Dietetic Association
620 North Michigan Avenue
Chicago, Illinois 60611

ELECTROENCEPHALOGRAPH/ELECTROCARDIOGRAPH TECHNICIAN

DESCRIPTION:

The electrocardiograph and the electroencephalograph technicians are vital members of the modern health team, operating highly specialized medical equipment. The electrocardiograph (EKG) technician operates the electrocardiograph, a complex piece of medical technology which records the electrical potential of the patient's heart muscles. The EKG specialist works in a hospital lab or at a patient's bedside depending on the individual's condition. Here, the EKG technician places electrodes on the patient's arms, chest, and legs thereby obtaining a reading of the heart's action. Following the test, the results are interpreted by a qualified physician or heart specialist (cardiologists). Important information concerning heart disease and heart attacks have been gained through the use of this important machine. The electroencephalograph technician (EEG) also operates a piece of highly complex specialized machinery. The electroencephalograph records brain waves which may be used in diagnosing a psychosis, testing an epileptic child, metabolic diseases, or tumors. The EEG specialist must be skilled in preparing the patient for his test, and capable of keeping the machinery in good working order.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School	Social and Physical Sciences	4 years
2. College	Biology & Physics	2 years
3. On-the-job Training		3-6 months

Note: The minimum educational requirement for both the EKG and EEG technician is a high school diploma. To become an EKG technician, a qualified applicant takes on-the-job training under the supervision of an experienced technician or cardiologist in an accredited hospital that offers such training. The length of the training period depends on the type of equipment used and the ability of the individual.

ADDITIONAL INFORMATION:

Write or call your local hospital or physician.

Write: American Electroencephalograph Society
8700 West Wisconsin Avenue
Milwaukee, Wisconsin 53226

ENVIRONMENTAL HEALTH

DESCRIPTION: The study of environmental factors and their effects upon man's health is the concern of the environmental health scientist. This scientist is also involved with environmental pollution prevention, food inspection and teaching.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School	Biology, Chemistry	4 years
2. College	Environmental Health	4 years

IDAHO SCHOOL OR HOSPITAL:

	Length of Program	Degree or Certificate
Boise State College Boise	4 years	B.S.

OPPORTUNITIES: The increased awareness and concern for ecologically sound environmental management has created many job opportunities for the environmental health scientist in local, state and federal agencies, private industry and educational institutions.

ADDITIONAL INFORMATION: Write: Dr. Victor H. Duke, Dean
School of Health Sciences
Boise State College
1907 Campus Drive
Boise, Idaho 83706

HEALTH EDUCATOR

DESCRIPTION: The aim of health education is to provide experiences which favorably influence habits, attitudes, and knowledge relating to individual and community health. This involves translating research findings into useful, easily understood information available to all people. A health educator is a specialist who provides learning opportunities and experiences for the public. He also helps each health worker do his job better by using sound educational methods tailored to the job to be done. A public health educator employed by a health department helps to solve public health problems by organizing and working with local community groups and stimulating action on specific health problems. His duties with a voluntary health agency include educating the community about a specific health problem such as cancer, tuberculosis or heart disease. A school health educator teaches classes such as personal and community health, marriage and family life, safety and first aid.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School	College prep.	4 years
2. College	Health & P.E.	4 years
3. Graduate Training		

A master's degree is usually required for public health and administrative positions.

Any accredited college can provide a four-year background. Graduate training is more specialized.

Graduate training in schools of public health:

University of North Carolina, Chapel Hill, NORTH CAROLINA
University of Michigan, Ann Arbor, MICHIGAN
University of Minnesota, Minneapolis, MINNESOTA
University of California, Berkeley & Los Angeles, CALIFORNIA
Harvard University, Boston, MASSACHUSETTS
Yale University, New Haven, CONNECTICUT
Columbia University, New York, NEW YORK
University of Puerto Rico, San Juan, PUERTO RICO
University of Hawaii, Honolulu, HAWAII

OPPORTUNITIES: As a health educator, you may be employed in a local or state health department; the U.S. Public Health Service; international health programs; voluntary health agencies on a local, state or national level; schools or universities; large hospitals; clinics; life insurance companies

OPPORTUNITIES:
(CONT.)

or industry. Vacancies are known to exist regularly. This is a growing field with an increasing need for persons with the necessary specialized education and training. Most Idaho hospitals, because of size and budgetary limitations, do not employ health educators.

ADDITIONAL INFORMATION:

Write: American Public Health Association, Inc.
1015 Eighteenth Street, N.W.
Washington, D.C. 20036

HOSPITAL ADMINISTRATOR

DESCRIPTION: The hospital administrator directs, administers and coordinates all activities of the hospital to carry out its objectives in the provision of health care, furtherance of education and research and participation in community health programs. The hospital administrator is responsible for the operation of the hospital, for the application and implementation of established policies and for liaison among the governing authority, the medical staff and the departments of the hospital.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School		4 years
2. College		Bachelor's Degree
3. School of Hospital Administration*		1 year
4. Residency*		1 year

Currently 330 colleges and universities offer graduate programs in this field, 33 of them in the United States and Canada. *Some of the programs involve one year of academic study followed by 12 months in administrative residency. Others have a two-year academic period which may include clinical experience. Still other programs may have other variations in the lengths of academic and residency periods required. Prerequisite undergraduate training, leading to a bachelor's degree, should stress the liberal arts and include studies in economics, business management, statistics and personnel administration. A student interested in a career in hospital administration should contact the school he wishes to attend to determine specific prerequisites and requirements for the program, as they vary from school to school.

IDAHO SCHOOL OF HOSPITAL: There are no Idaho schools or hospitals for hospital administrator training. Of the 33 in the U.S., the three western schools include:

Program in Hospital Administration
University of California - Berkeley
School of Public Health
412 Earl Warren Hall
Berkeley, California 94270

WESTERN
SCHOOLS: (CONT.) Program in Hospital Administration
University of California - Los Angeles
Division of Hospital Administration
School of Public Health
Los Angeles, California 90024

Program in Health Administration
University of Colorado
Division of Health Administration
Department of Preventive Medicine
School of Medicine
4200 East Ninth Avenue
Denver, Colorado 80220

OPPORTUNITIES: Hospital administrators are in demand to serve in leadership positions in a number of organizations, including general hospitals, extended-care facilities, nursing homes, psychiatric hospitals, rehabilitation institutions, group practice plans, outpatient clinics, welfare departments, private insurance programs, Blue Cross and Blue Shield plans, hospital facility planning agencies, Comprehensive Health Planning agencies, health departments, federal health agencies, health and hospital associations, graduate educational programs and research institutes.

ADDITIONAL
INFORMATION: Write: Idaho Hospital Association
P.O. Box 7482
Boise, Idaho 83707

American College of Hospital Administrators
840 North Lake Shore Drive
Chicago, Illinois 60611

Association of University Programs in Hospital Administration
1 Dupont Circle, Room 420
Washington, D.C. 20005

EXECUTIVE HOUSEKEEPER

DESCRIPTION: The executive housekeeper is responsible for the maintenance of high standards of cleanliness in the hospital. This health professional directs the campaign against the spread of disease by supervising all housekeeping personnel, establishing work methods and procedures, and training personnel. The executive housekeeper must work with other members of the health team to coordinate her activities in order to provide the most effective and efficient methods of study.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School	Business, Home Economics	4 years

Note: The very minimum education for an executive housekeeper is a high school diploma, although the vast majority of men and women in this field have additional specialized training and several years of practical experience. As the hospital increases in complexity, more and more of the larger institutions are requiring college degrees with a major in business or home economics.

IDAHO SCHOOL OR HOSPITAL: none

ADDITIONAL INFORMATION: Write: National Executive Housekeepers Association
204 Business and Professional Building
414 Second Avenue
Gallipolis, Ohio 40631

INHALATION THERAPIST

DESCRIPTION: Inhalation therapy is a specialty whose aim is to see that the human body is receiving an adequate supply of oxygen, and at the same time is eliminating its carbon dioxide. It is the aim of inhalation therapy to restore the heart and lung system to normal. For example, cardiac failure, bronchitis, asthma, pulmonary edema, emphysema, cerebral thrombosis, drowning, hemorrhage, and shock are some of the disorders treated by inhalation therapy.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School	Biology, Chemistry	4 years
2. College		2 years

IDAHO SCHOOL OR HOSPITAL:

	Length of Program	Degree or Certificate
Boise State College Boise	2 year	A.S.--affil. w/Caldwell Memorial Hosp.
Caldwell Memorial Hospital Caldwell	1 year	Certificate

OPPORTUNITIES: The outlook for the inhalation therapy profession is very good. The medical profession is aware of the importance of this new paramedical specialty. Because the field is comparatively new, the supply of qualified therapists is far less than the demand. Young inhalation therapists can find employment anywhere in the U.S. and advancement is usually rapid.

ADDITIONAL INFORMATION:

Write: Idaho Association of Inhalation Therapists
Keith Holloway
Caldwell Memorial Hospital
Caldwell, Idaho 83651

American Association for Inhalation Therapy
332 South Michigan Avenue
Chicago, Illinois 60604

MEDICAL ENGINEER

DESCRIPTION: The medical engineer's interest is on health services to the individual and on related research. Working with physicians and scientists, he is utilizing engineering ideas, skills, and techniques to improve medical care, including diagnosis, surgery, and rehabilitation. Still in pioneering stages, medical engineering is already helping to strengthen the analysis and treatment of many diseases and disorders; among them are allergies, arthritis, blindness, cancer, heart disease, and associated circulatory disorders, infectious diseases, mental health, and speech and hearing difficulties. The major tasks are:

1. The development of new kinds of instruments for use in medical and surgical care or in research.
2. The invention and perfecting of devices to repair or compensate for parts of the human body that do not function properly or that have suffered damage as a result of illness or accident.
3. The adaptation of computer technology to serve a wide range of specialized requirements in the health services and in health research.
4. The application of engineering's progressively more precise methods and concepts for use in biophysical research in studies; for example, of the structure of the living organism and the mechanisms through which the human body maintains itself in good running order.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School	Math, Biology, Chemistry, and Physics	4 years
2. College	Bachelor's Degree, Engineering, Biophysical Sciences	4-5 years
3. Graduate Work		1-3 years

Note: Undergraduate programs in engineering are available at:

Boise State College Boise	3 year	Pre-engineering
Idaho State University Pocatello		B.S.

Choice of Majors
a. General Engineering
b. Management Option
c. Nuclear Science Option

MEDICAL ENGINEER
CONTINUED

EDUCATION:
(CONT.)

North Idaho College Coeur d'Alene	2 year	A.S. (pre-engineering)
University of Idaho Moscow	4-5 year	B.S.

Choice of Majors
a. Agricultural Engineering
b. Chemical Engineering
c. Civil Engineering
d. Electrical Engineering
e. Mechanical Engineering

OPPORTUNITIES: Medical engineering activities are being undertaken in many settings - hospitals, scientific foundations, government laboratories for biophysical research, universities with strong medical, scientific and engineering programs, and also in some electronic and instrument-making industries. From present indications, the number of such units in all parts of the country will continue to grow.

ADDITIONAL INFORMATION: Write: Medical Engineering and Electronics
2 East 63rd Street
New York, New York 10016

MEDICAL RECORD ADMINISTRATOR

DESCRIPTION: Medical record administrators collect, assemble, maintain, and analyze records and reports on patients' illnesses and treatments. The records maintained by the medical record administrator contain medical and surgical information on each patient and are used for patient care, public health purposes, research, insurance claims, legal actions, and for training doctors, nurses, and related personnel.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School	College Prep.	4 years
2. College	English, Physiology, Statistics, Med. Law, Anatomy, Medical Record Science, Business	4 years

(Some schools offer 3 years plus 1 year hospital training.)

SCHOOLS: Among the schools offering degrees in Medical Record Administration are:

University of California, School of Public Health, Los Angeles, CALIFORNIA
Indiana University School of Medicine, Indianapolis, INDIANA
University of S.W. Louisiana, LaFayette, LOUISIANA
Mercy College, Detroit, MICHIGAN
College of St. Scholastics, Duluth, MINNESOTA
Avila College, Kansas City, MISSOURI
St. Louis University, St. Louis, MISSOURI
College of St. Mary, Omaha, NEBRASKA
Central Virginia Community College, Lynchburg, VIRGINIA
Seattle University, Seattle, WASHINGTON

OPPORTUNITIES: The registered medical record administrator may be employed in hospitals, research centers, health department agencies and the health departments of industrial organizations and insurance companies. There are 3,000 to 4,000 registered medical record administrators needed now in the United States.

ADDITIONAL INFORMATION:

Write: Idaho Medical Record Association
P.O. Box 7482
Boise, Idaho 83707
Attention: Miss Donna Wilde, R.R.A.

American Medical Record Association
John Hancock Center
Suite 1850
857 N. Michigan Avenue
Chicago, Illinois 60611

MEDICAL RECORD TECHNICIAN

DESCRIPTION: The medical record technician works with patient charts, codes diseases and operations according to statistical classifications, prepares statistical reports and may tabulate simple data from medical records for research or study.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School		4 years
2. College		2 years

IDAHO SCHOOL OR HOSPITAL:

	Length of Program	Degree or Certificate
Boise State College Boise	2 year	A.S.

OPPORTUNITIES: Medical record technicians are employed in hospitals and registries for special disease categories such as cancer.

ADDITIONAL INFORMATION: Write: Dr. Victor H. Duke, Dean
School of Health Sciences
Boise State College
1907 Campus Drive
Boise, Idaho 83706

MEDICAL SECRETARY

DESCRIPTION: The medical secretary performs services similar to a secretary in any large business organization, such as answering the phone, making appointments, and answering routine mail. Experienced medical secretaries often act as the physician's business manager, sending out bills, keeping the books and ordering supplies. In the hospital setting, the medical secretary takes technical medical dictation and transcribes from notes or mechanical dictating equipment.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School	Clerical and Office Subjects	4 years
2. College		

IDAHO SCHOOLS OR HOSPITALS:

	Length of Program	Degree or Certificate
Boise State College Boise	2 year	A.S.
College of Southern Idaho Twin Falls	1 year 2 year	A.A.
Idaho State University Pocatello	1 year	Certificate
North Idaho College Coeur d'Alene	2 year	A.A.
Caldwell Memorial Hospital Caldwell	7 mos.	Certificate-- Affiliated with School District #132

ADDITIONAL INFORMATION: Write: American Registry of Medical Assistants and Medical Secretaries
P.O. Box 601
Enid, Oklahoma 73701

MEDICAL SOCIAL WORKER

DESCRIPTION: The medical social worker is a caseworker or group worker who assists patients and their families with personal and environmental difficulties which predispose illness or interfere with the patient's obtaining maximum benefits from medical care. In the hospital setting, the medical social worker assists the patient in contacting appropriate service agencies and in locating extended care facilities.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School		4 years
2. College	Social Work	4 years
3. Graduate Work*	Medical Social	

* A master's degree from an approved school of social work is necessary for this position.

IDAHO SCHOOL OR HOSPITAL: There is no medical social work program offered through Idaho schools. Undergraduate programs in social work are available at:

Boise State College Boise	4 year	B.A. Social Work
College of Idaho Caldwell	4 year	B.A. Sociology (prep. for Social Work on graduate level)
Idaho State University Pocatello	4 year	B.A. Social Welfare & Social Services (prep. for graduate work)
North Idaho College Coeur d'Alene	2 year	A.A.S. Social Worker Aide
Northwest Nazarene College Nampa	4 year	A.B. Sociology (can specialize in Social Welfare)
Ricks College Rexburg	2 year	A.S. Sociology

MEDICAL SOCIAL WORKER
CONTINUED

IDAHO SCHOOL OR HOSPITAL: (CONT.)	University of Idaho Moscow	4 year	B.A., B.S. Social Work

OPPORTUNITIES: Medical social workers are employed in hospitals, nursing homes and local, state and federal health agencies and organizations. The relatively small size of many Idaho hospitals and the correspondingly limited budgets restrict the opportunities for such positions in the state. The need for such health professionals is recognized and there is a trend toward developing medical social work departments in hospitals.

ADDITIONAL INFORMATION: Write: National Association of Social Workers
(Medical Social Work Section)
2 Park Avenue
New York, New York 10017

MEDICAL TECHNOLOGIST

DESCRIPTION: The medical technologist, MT, (ASCP), works under the supervision of a pathologist or qualified physician and performs bacteriologic, chemical, microscopic, and other clinical laboratory tests to determine the presence or extent of such diseases as diabetes, polio, syphilis, tuberculosis and many others. Technologists who work in smaller laboratories often engage in many types of tests. Those employed in large hospitals, research or diagnostic laboratories, usually specialize in several kinds of related tests of a single type. The letters after each category of registration designate the specialty of each technologist or laboratory assistant after successful completion of studies and the required national certifying exam.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School	College Prep.	4 years
2. College		3 years
3. School of Medical Technology		12-18 months

Note: A medical technologist program includes three years of college with courses in biology, chemistry and mathematics with one year of training in a school of medical technology approved by the American Society of Clinical Pathologists (ASCP).

A medical technologist can specialize in such areas as cytotechnology, which is the study of human body cells to detect evidence of cancer and other pathological conditions.

IDAHO SCHOOL OR HOSPITAL:

	Length of Program	Degree or Certificate
Boise State College Boise	4 year	B.A.
College of Idaho Caldwell	4 year	B.S. or B.A.
Idaho State University Pocatello	4 year	B.S.
Northwest Nazarene College Nampa	4 year	A.B.

MEDICAL TECHNOLOGIST
CONTINUED

IDAHO SCHOOL OR HOSPITAL (CONT.)		Length of Program	Degree or Certificate
	North Idaho College Coeur d'Alene	2 year	A.S. (pre-med. technology)
	University of Idaho Moscow	4 year	B.S.
	Bannock Memorial Hospital Pocatello	1 year	Certificate-- Affil. w/college offering course
	Idaho Falls LDS Hospital Idaho Falls	1 year	Affil. w/college offering course
	Magic Valley Memorial Hospital Twin Falls	1 year	Affil. w/college offering course
	Sacred Heart Hospital Idaho Falls	1 year	Certificate-- Affil. w/college offering course
	St. Alphonsus Hospital Boise	1 year	Affil. w/college offering course
	St. Luke's Hospital Boise	1 year	Certificate-- Affil. w/college offering course

OPPORTUNITIES: The majority of medical technologists work in hospital laboratories; others are employed by public health agencies, in physicians' offices, research institutions, and by pharmaceutical manufacturers. Employment opportunities for medical technologists are expected to continue expanding because of increasing dependence of the physician upon laboratory tests and the construction of additional hospital and medical facilities.

ADDITIONAL INFORMATION:

Write: Idaho Society of Medical Technologists
Miss Dea Nicholson
6311 Everett Street
Boise, Idaho 83704

Registry of Medical Technologists
American Society of Clinical Pathologists
710 South Wolcott Avenue
Chicago, Illinois 60612

American Society of Medical Technologists
Hermann Professional Building, Suite 25
Houston, Texas 77025

LABORATORY ASSISTANT, CERTIFIED

DESCRIPTION: The certified laboratory assistant, CLA, (ASCP), is a high school graduate who has successfully completed the prescribed training course in an approved hospital school and who has passed the special examination based on this training. The CLA works under a medical technologist and pathologist or other qualified physician to assist in the performance of certain clinical laboratory tests.

EDUCATION:

	SCHOOL	STUDY	TIME
1.	High School	Chemistry, Biology	4 years
2.	School of Laboratory Assistants*		1 year

* School approved by Board of Certified Laboratory Assistants

IDAHO SCHOOL OR HOSPITAL: None

OPPORTUNITIES: The certified laboratory assistant may find career opportunities in a hospital or pathology laboratory or a state department of health laboratory.

ADDITIONAL INFORMATION:

Write: Idaho Society of Medical Technologists
Mrs. Karen Marchbanks, Sec.
349 Gail Circle
Boise, Idaho 83704

Board of Certified Laboratory Assistants
9500 South California Avenue
Evergreen Park, Illinois 60642

Registry of Medical Technologists
American Society of Clinical Pathologists
710 South Wolcott Avenue
Chicago, Illinois 60612

American Society of Medical Technologists
Suite 25, Hermann Professional Building
Houston, Texas 77025

NURSE, REGISTERED (R.N.)

DESCRIPTION: Registered nurses provide nursing services to patients, either by giving direct care or through supervising allied nursing personnel. They administer medications and treatments prescribed by physicians; observe and record symptoms and progress of patients; instruct auxiliary personnel; and perform other duties concerned with the care of the sick and injured, prevention of illness, and promotion of good health.

EDUCATION:

SCHOOL	TIME
1. Hospital Diploma School	27-36 months
2. Junior or Community College Associate Degree	2 years
3. College or University Baccalaureate Degree	4 years

Each school of nursing will have state approval so that its graduates are eligible for the state licensing exam to become registered nurses. Accreditation by the National League for Nursing means the program meets standards considerably above the minimum required for state approval. A college or university offering a nursing program should also be approved by its appropriate regional accrediting association for higher education. After graduation from any of these programs, the graduate is eligible to write the state board of nursing examinations which she must successfully pass to be licensed to practice professional nursing in a particular state. If licensed in one state, she may receive a license by endorsement to practice nursing in another state. After having received a license to practice nursing, the graduate is prepared for first level positions in nursing.

IDAHO SCHOOL OR HOSPITAL:

	Length of Program	Degree or Certificate
Boise State College - Boise, in affiliation w/St. Luke's Hospital - Boise	2 year	A.S.
College of Southern Idaho - Twin Falls, in affiliation w/Twin Falls Clinic Hospital and St. Benedict's Hospital in Jerome	2 year	A.A.
Idaho State University - Pocatello, in affiliation w/Bannock Memorial Hospital, Pocatello	4 year+ 1 summer	B.S.

NURSE, REGISTERED (R.N.)
CONTINUED

IDAHO SCHOOL OR HOSPITAL: (CONT.)		Length of Program	Degree or Certificate
	Lewis-Clark State College - Lewiston, in affiliation w/St. Joseph's Hospital, Lewiston	2 year	A.S.
	North Idaho College - Coeur d'Alene	2 year	A.S.
	Northwest Nazarene College - Nampa	1 year	Pre-nursing
	Ricks College - Rexburg, in affiliation w/Madison Memorial Hospital in Rexburg, Idaho Falls LDS Hospital in Idaho Falls and State Hospital South in Blackfoot	2 year	A.S.

OPPORTUNITIES: There are many job opportunities for men and women as nurses. There are NO areas of nursing which do not actively encourage men to enter. The nursing profession desperately seeks more men for the operating room, at the bedside, on faculties, in public health agencies, in industry and government. Nurses (general duty, head nurses, supervisors and directors) are employed in hospitals, nursing homes, public health departments, doctors' offices, industries, schools, schools of nursing and as private duty nurses. In addition, the armed services have many opportunities for nurses and they are given officer's rating at the very beginning.

ADDITIONAL INFORMATION: Write: Any school of Nursing listed above.

Idaho Nurses' Association
2404 Bank Drive
Boise, Idaho 83700

American Nurses' Association
ANA-NLN Committee on Nursing Careers
10 Columbus Circle
New York, New York 10019

NURSE, LICENSED PRACTICAL NURSE (LPN)

DESCRIPTION: The work of the licensed practical nurse (LPN) is an integral part of nursing. Under the direction of a physician or a registered nurse, the licensed practical nurse performs nursing functions commensurate with his education and demonstrated competencies. This may include such functions as: providing direct patient care at the bedside in relatively stable nursing situations such as hospitals, extended care units, nursing homes, private homes and other health care facilities and agencies; performing nursing functions in hospital nursing service units, recovery rooms, labor rooms and coronary and intensive care units and promoting and carrying out preventive measures in community health facilities such as well-baby clinics, out-patient clinics and services.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School	Math and Chemistry	4 years
2. School of Practical Nursing		1 calendar year

IDAHO SCHOOL OR HOSPITAL:

	Length of Program	Degree or Certificate
Boise State College - Boise, in affiliation w/St. Alphonsus and St. Luke's Hospitals, Boise	1 year	Certificate
College of Southern Idaho - Twin Falls, in affiliation w/Magic Valley Memorial Hospital, Twin Falls	1 year	Certificate
Eastern Idaho Vocational School - Idaho Falls, in affiliation w/Idaho Falls LDS Hospital and Sacred Heart Hospital, Idaho Falls	1 year	Certificate
Idaho State University - Pocatello, in affiliation w/Bannock Memorial Hospital and St. Anthony Community Hospital, Pocatello	1 year	Certificate
Lewis-Clark State College - Lewiston, in affiliation w/St. Joseph's Hospital, Lewiston	1 year	Certificate

NURSE'S AIDE

DESCRIPTION: The nurse's aide works under the direction of the professional nurse in giving basic patient care. Duties may include answering patients' lights, giving basic bedside care, which includes bathing and feeding patients, and helping with the admitting and discharging of patients.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School		4 years

IDAHO SCHOOL OR HOSPITAL:

	Length of Program	Degree or Certificate
Blaine County Hospital Hailey	6 mos.	No Certificate
Caldwell Memorial Hospital Caldwell	60 hours	No Certificate
Caribou Memorial Hospital Soda Springs	80 hours	Certificate-- Affil. w/ School Dist. #150
St. Benedict's Hospital Jerome	6 weeks	Certificate
St. Mary's Hospital Cottonwood	2 weeks	Certificate (offered twice per year)

ORDERLY

DESCRIPTION: The orderly is generally a male who performs much the same job as a nurse's aide, working under the direction of the professional nurse in giving basic bedside care.

EDUCATION: Same as above.

IDAHO SCHOOL OR HOSPITAL:

Caldwell Memorial Hospital Caldwell	40 hours	No Certificate

NURSE, LPN'S
CONTINUED

ADDITIONAL INFORMATION: (CONT.)

To obtain a license for practical nursing an applicant must graduate from a State-approved school of practical nursing and pass an examination in every state and District of Columbia. In addition, most states require that applicants be U.S. citizens or have applied for naturalization.

NURSE ANESTHETIST

DESCRIPTION: As a key member of the operating room team, the nurse anesthetist combines two professions into one, blending professional nursing skill with the science of anesthesia. This highly trained specialist administers (under the supervision of an anesthesiologist or other physician) anesthetic agents to patients undergoing all types of surgery, and to obstetric and other patients in hospitals.

EDUCATION: Must be a registered nurse; additional training also required.

IDAHO SCHOOL OR HOSPITAL:

	Length of Program	Degree or Certificate
Caldwell Memorial Hospital Caldwell	2 year	Certificate

The Treasure Valley School of Anesthesia offers a two year training program for nurse anesthetists. A certificate is awarded on completion of the program. The clinical is available at:

St. Alphonsus Hospital
Boise

St. Luke's Hospital
Boise

Holy Rosary Hospital
Ontario, Oregon

OPPORTUNITIES: Nurse anesthetists are found in general, military, Public Health Service and Veterans Administration hospitals. Some become supervisors of schools of anesthesia. There is a great demand for nurse anesthetists in Idaho.

ADDITIONAL INFORMATION:

Write: Idaho Association of Nurse Anesthetists
Mrs. Mary O'Toole, Sec.
930 E. Pennsylvania
Boise, Idaho 83706

American Association of Nurse Anesthetists
111 East Wacher Drive, Suite 929
Chicago, Illinois 60601

OCCUPATIONAL THERAPIST

DESCRIPTION: The occupational therapist organizes and conducts therapy programs to facilitate rehabilitation of the physically or mentally handicapped. A therapy program might involve such activities as manual arts and crafts, practice in homemaking skills and activities of daily living and participation in a variety of sensorimotor, educational, recreational and social activities designed to help patients regain physical or mental functioning or adjust to their handicaps.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School		4 years
2. College	Occupational Therapy	4 years

IDAHO SCHOOL OR HOSPITAL: None

OPPORTUNITIES: The occupational therapist will find employment opportunities with special rehabilitative centers and rehabilitation units of general hospitals as well as voluntary local, state and federal health agencies.

ADDITIONAL INFORMATION: Write: American Occupational Therapy Association
250 West 57th Street
New York, New York 10019

OPTOMETRIST

DESCRIPTION: Optometry is the art and science of vision care. The doctor of optometry (O.D.) is dedicated to preserving the nation's vision. He is skilled in the principles of optics, chemistry, pathology, neurology, physics and countless other scientific disciplines. In the optometrist's quest for the conservation and improvement of vision, he begins by making a series of tests in order to determine the efficiency of your eyes. The test completed, the optometrist analyzes the results and, if necessary, prescribes and fits the proper eye glasses or corrective lenses. The optometrist, however, is not limited to the detection of disease and the prescribing of corrective lenses. Many optometrists are going into specialization such as children's vision, contact lenses, aid to the partially sighted, and visual training.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School	Math and Science	4 years
2. College	Pre-optometry	2-4 years
3. Optometry College		4 years

IDAHO SCHOOL OR HOSPITAL:

	Length of Program	Degree or Certificate
Idaho State University Pocatello	2 year	No degree (Pre-optometry)
North Idaho College Coeur d'Alene	2 year	A.S. (Pre-optometry)

Complete optometry programs are available at these Western universities:

Pacific University
School of Optometry
Forest Grove, Oregon

University of California at Berkeley
School of Optometry
Berkeley, California

ADDITIONAL INFORMATION:

Write: Idaho Optometric Association
Box 431
Nampa, Idaho 83651

American Optometric Association
7000 Chippewa Street
St. Louis, Missouri

OPERATING ROOM TECHNICIAN

DESCRIPTION: A new member of the surgical team, the operating room technician plays a vital supporting role in the operating room. Working under direct and continuing medical supervision, the operating room technician assists in treating patients in the hospital operating and emergency rooms and performs tasks associated with maintaining maximum antiseptic conditions. The operating room technician may assist in either minor or major surgery, depending upon training and ability. Duties may include helping to set up the operating room with the surgical instruments and supplies required for each operation; handing physicians instruments during surgery; and assisting with post-operative dressing.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School		4 years
2. On-the-Job Training		6 months

IDAHO SCHOOL OR HOSPITAL: Check with your area hospital administrator to determine training possibilities and job opportunities.

OSTEOPATH

DESCRIPTION: Osteopathic medicine is the continuous development of technics for releasing man's natural abilities to combat strains and stresses which may result in disease. Osteopathic physicians (Doctor of Osteopathy, D.O.) and surgeons integrate all accepted methods of treatment for disease and injury including manipulation, drugs, operative surgery and physical therapy.

EDUCATION:

	SCHOOL	STUDY	TIME
1.	High School	College prep.	4 years
2.	College	Chemistry, Biology, Physics	3+ years
3.	Osteopathic College		4 years
4.	Internship		1 year

To become certified in a specialty requires up to five years training beyond the internship including a residency and supervised study and experience.

IDAHO SCHOOL OR HOSPITAL:

	Length of Program	Degree or Certificate
Idaho State University Pocatello	4 years	B.S. (pre-osteopathy)

OPPORTUNITIES: Osteopathic physicians serve in departments and agencies of state and federal government as physicians and surgeons, serve in medical corps of the armed forces and provide treatment under the Medicare program.

ADDITIONAL INFORMATION: Write: Department of Public Relations
American Osteopathic Association
212 East Ohio Street
Chicago, Illinois 60611

PHARMACIST

DESCRIPTION: Pharmacists dispense prescriptions ordered by physicians and other medical practitioners and may also sell many medicines which can be bought without prescriptions. Others teach in colleges, perform research, supervise the manufacture of pharmaceuticals, develop new drugs, write for pharmaceutical journals, or do administrative work.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School	College Prep.	4 years
2. College	Chemistry, Physics, Pharmacy	5 years

Note: A student may go to a regular university and take a five-year pharmacy course or he may go to a junior college and then go to a three-year pharmacy school.

IDAHO SCHOOL OR HOSPITAL:

	Length of Program	Degree or Certificate
Idaho State University Pocatello	5 year	B.S. Master's Degree available upon further study
Northwest Nazarene College* Nampa	2 year	Pre-pharmacy
Ricks College* Rexburg	2 year	A.S. Pre-pharmacy

* While Idaho State University has the only designated pharmacy program in the state, the Idaho State Board of Pharmacy indicates that acceptable pre-pharmacy curriculums are available at other Idaho colleges and universities.

OPPORTUNITIES: The latest figures indicate that there are currently 184,256 registered pharmacists, 129,287 of whom are in active practice. Commercial practices such as retail pharmacies employ 106,394 pharmacists; 11,841 pharmacists are in hospital practices and 4,745 pharmacists are employed by pharmaceutical manufacturers. Pharmacists are also employed by the Federal government. From 3,000 to 4,000 openings arise each year.

PHYSICAL THERAPIST

DESCRIPTION: Physical therapists help persons with muscle, nerve, joint, or bone diseases and injuries to overcome their disabilities. Following physician instructions, they treat a variety of disorders through therapeutic exercises, the use of mechanical apparatus, and applications of massage, heat, light, water, or electricity. Most of their patients are accident victims, crippled children, and disabled older persons.

EDUCATION

SCHOOL	STUDY	TIME
1. High School	Science, Math, Foreign Language helpful	4 years
2. College	Physical Therapy	4 years

IDAHO SCHOOL OR HOSPITAL:

	Length of Program	Degree or Certificate
Ricks College Rexburg	2 year	A.S. (pre-physical therapy)
University of Idaho Moscow	4 year	B.S. (pre-physical therapy)

NOTE: Schools of physical therapy will accept graduates who have a B.S. or a B.A. degree in science, pre-med or pre-nursing. For more specific information on prerequisites for a physical therapy program, contact the American Physical Therapy Association (address below).

OPPORTUNITIES: The majority of physical therapists work in hospitals. Approximately one-fourth of all physical therapists are employed by rehabilitation or treatment centers, schools or societies for crippled children, and public health agencies. Some therapists wotk in physician's offices or clinics, teach in schools of physical therapy, or perform research. The demand for qualified physical therapists is likely to continue. In recent years, schools of physical therapy have been filled to capacity.

ADDITIONAL INFORMATION:

Write: Elks Rehabilitation Center
204 Fort Place
Boise, Idaho 83702

American Physical Therapy Association
1156 15th Street, N.W.
Washington, D.C. 20005

PHARMACIST
CONTINUED

ADDITIONAL
INFORMATION:

Write: Idaho State Pharmaceutical Association and
Idaho State Board of Pharmacy
200 N. 3rd
Boise, Idaho 83702

American Pharmaceutical Association
2215 Constitution Avenue, N.W.
Washington, D.C. 20037

National Association of Boards of Pharmacy
77 West Washington Street
Chicago, Illinois 60602

American Society for Pharmacology and
Experimental Therapeutics
9650 Rockville Pike
Bethesda, Maryland 20014

American Society of Hospital Pharmacists
4630 Montgomery Avenue
Washington, D.C. 20014

PHYSICIAN

DESCRIPTION:

If you are considering medicine as a career choice, you must explore the possibilities objectively. It is easy to glamorize medicine because of the deep sense of job prestige and excellent standard of living, which many physicians enjoy. These "status" elements are, however, by-products of the practice of medicine. They are earned through hard work, advanced education, and long, and often unpredictable, hours of medical practice.

Because the physician's work centers around the lives and well-being of his patients, he must bear heavy responsibilities. His time often is not his own. He must be prepared to meet his patient's needs at all times. His medical education never ends, for he must continue to expand his knowledge by keeping abreast of the latest scientific and other developments in medicine so that he can provide his patients with the best possible care.

Physicians diagnose disease, and treat sick people, medically and surgically. In addition, they often provide emotional support for their patients. They are concerned with the prevention of disease and with the rehabilitation of people who are injured or ill. One out of three physicians engaged in private practice are general practitioners - frequently referred to as "family physicians". The others are specialists in one of the thirty-two fields recognized by the medical profession.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School	College prep. with emphasis on Math, Science, and English	4 years
2. College	Pre-medical with strong emphasis in Chemistry, Biological and Physical Sciences	3-4 years
3. School of Medicine		4 years
4. Internship		1 year
5. Residency (for specialists only)		2-5 years

PHYSICIAN
CONTINUED

EDUCATION:
(CONT.)

Pre-medical study must include a strong background in English, physics, biology, math, and chemistry. Students are also encouraged by many schools of medicine to acquire a broad general education by taking courses in humanities and social sciences.

IDAHO SCHOOL OR HOSPITAL:

Pre-Medical	Length of Program	Degree or Certificate
Boise State College Boise	4 year	B.S.
College of Idaho Caldwell	4 year	B.S. or B.A.
College of Southern Idaho Twin Falls	2 year	A.A.
Idaho State University Pocatello	4 year	B.S.
North Idaho College Coeur d'Alene	2 year	A.S.
Northwest Nazarene College Nampa	4 year	A.B.
Ricks College Rexburg	2 year	A.S.
University of Idaho Moscow	4 year	B.S.

OPPORTUNITIES:

The rapid population growth and the new frontiers being developed and explored in all areas of science as man moves into the "space age", have created a need for more and more physicians. The future offers unlimited possibilities.

ADDITIONAL INFORMATION:

Write: Idaho Medical Association
407 W. Bannock
Boise, Idaho

Department of Undergraduate Medical Education
and
Council on Medical Education and Hospitals
American Medical Association
535 North Dearborn Street
Chicago, Illinois 60610

SPECIALTIES: The major medical specialties which require residencies are:

ANESTHESIOLOGY - Administration of various forms of anesthetic drugs necessary during surgical operations or diagnosis.

COLON AND RECTAL SURGERY - Diagnosis and treatment of disorders or diseases of the lower digestive tract.

DERMATOLOGY - Diagnosis and treatment of diseases of the skin.

FAMILY PRACTICE - Evaluation of a patient's or family's total health care needs and provision of personal medical care in one or more fields of medicine and coordination of other health services needed by patients.

INTERNAL MEDICINE - Diagnosis and surgical treatment of diseases of the internal organs such as the heart, liver and lungs.

NEUROLOGICAL SURGERY - Diagnosis and surgical treatment of the brain, the spinal cord and nerve disorders.

OBSTETRICS AND GYNECOLOGY - Diagnosis and treatment of diseases of the female reproductive organs and also the care of women during and immediately following pregnancy.

OPTHALMOLOGY - Diagnosis and treatment, including surgery, of diseases or defects of the eye.

PATHOLOGY - Study and interpretation of changes in organs, tissues, and cells as well as alterations in body chemistry.

PEDIATRICS - Prevention, diagnosis, and treatment of children's diseases.

PHYSICAL MEDICINE AND REHABILITATION - Diagnosis of disease or injury in the various systems and areas of the body and treatment by means of physical procedures as well as treatment and restoration of the convalescent and physically handicapped patient.

PLASTIC SURGERY - Deals with corrective or reparative surgery to restore deformed or mutilated parts of the body or improve facial or body features.

PREVENTIVE MEDICINE - Prevention of disease and promotion of health through epidemiological studies and public health measures.

SPECIALTIES: (CONT.)

PSYCHIATRY AND NEUROLOGY - Diagnosis and treatment of emotional disturbances, mental disorders, and organic diseases affecting the nervous system.

RADIOLOGY - Diagnosis and treatment of disease through the use of radiant energy, including X-rays, radium and cobalt 60.

THORACIC SURGERY - Diagnosis and operative treatment of diseases of the chest - those involving the heart, lungs or large blood vessels within the chest.

UROLOGY - Diagnosis and treatment of diseases and disorders of the kidneys, bladder, ureters and urethra, and the male reproductive organs.

GENERAL SURGERY - Diagnosis and operative treatment without limitation to specific organic systems.

ORTHOPEDIC SURGERY - Diagnosis and surgery of bones and joints.

EAR, NOSE, AND THROAT - Medical and surgical treatment of the ears, nose, and throat.

PUBLIC HEALTH - Prevention and control of communicable and environmental diseases.

PODIATRIST

DESCRIPTION: Podiatrists diagnose and treat diseases and deformities of the feet. The problems they deal with range from a simple corn to foot difficulties requiring foot surgery, special shoes or foot appliances. They prescribe drugs, use physical therapy, and to help in diagnosis they take X-rays of the feet and utilize laboratory and diagnostic tests. Podiatrists must be alert to a patient's general health so they refer some cases to other medical specialists for further treatment. Since probably 3 out of 4 people have foot troubles, a very real gap in health service is being filled by the qualified podiatrist.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School	College prep.	4 years
2. College	Biology, Chemistry English, Physics, Zoology	2 years
3. College of Podiatry		4 years
4. Internship		9 months

SCHOOLS:

California College of Podiatry
1770 Eddy Street
San Francisco, California 94115

Illinois College of Podiatry
1327 North Clark Street
Chicago, Illinois 60610

Maurice J. Lewi College of Podiatry
53 East 124th Street
New York, New York 10035

Ohio College of Podiatry
2057 Cornell Road
Cleveland, Ohio 44106

Pennsylvania College of Podiatry
Rine at Eighth Street
Philadelphia, Pennsylvania 19107

OPPORTUNITIES: The latest figures indicated nearly all of the approximately 8,000 podiatrists actively engaged in the profession were in private practice. A few who held full-time salaried positions worked mainly in hospitals, podiatry colleges, in industry or for other podiatrists. A few were employed by the Veterans Administration; others were commissioned officers

PODIATRIST
CONTINUED

OPPORTUNITIES: (CONT.)

in the Armed Forces. Women represented between 3-4% of the profession.

ADDITIONAL INFORMATION:

Write: Idaho Podiatric Association
Dr. Marshall Ogden, Sec.
1425 West Bannock
Boise, Idaho 83702

American Podiatry Association
20 Chevy Chase Circle, N.W.
Washington, D.C. 20015

PSYCHOLOGIST

DESCIRPTION: Psychologists seek to understand people and explain their actions. They study the behavior of individuals and groups. Their work includes varied activities such as teaching, counseling individuals, planning and conducting training programs for workers, doing research, advising on psychological methods and theories, and administering psychology programs in hospitals, clinics, laboratories and other places.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School	College prep.	4 years
2. College	Liberal Arts Major in Psychology	4 years
3. Graduate School	Masters or Ph.D.	2-5 years

IDAHO SCHOOLS:

	Length of Program	Degree or Certificate
Boise State College Boise	4 year	B.A.
College of Idaho Caldwell	4 year	B.S. or B.A.
Idaho State University Pocatello	4 year 1 year	B.A. or B.S. M.S.
Ricks College Rexburg	2 year	A.S.
University of Idaho Moscow	4 year	B.S.

OPPORTUNITIES: Colleges and universities employ the largest numbers of psychologists - more than one-third of the total. Government agencies - Federal, state and local - employ the next largest group. Many psychologists also work for elementary and secondary schools, for private industry and for non-profit foundations, hospitals and clinics.

ADDITIONAL INFORMATION:

Write: Idaho Psychological Association
Gail Ison, Ph.D., President
Boise State College
Boise, Idaho 83707

American Psychological Association
1200 17th Street N.W.
Washington, D.C. 20036

RADIOLOGIC (X-RAY) TECHNOLOGIST

DESCRIPTION: Radiologic technologists operate radiologic equipment under the general direction of physicians. They also prepare patients for X-ray, keep the equipment in good working order, process film, and teach X-ray technique to students.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School	College Prep.	4 years
2. College or Hospital Program		

IDAHO SCHOOL OR HOSPITAL:

	Length of Program	Degree or Certificate
St. Luke's Hospital, Boise in affiliation w/Boise State College, Boise	26 months	Certificate
Bannock Memorial Hospital Pocatello	2 year	Certificate
Caldwell Memorial Hospital Caldwell	2 year	Certificate
Sacred Heart Hospital Idaho Falls	2 year	Certificate
St. Alphonsus Hospital Boise	2 year	Certificate
St. Anthony Community Hospital Pocatello	2 year	Certificate

OPPORTUNITIES: Radiologic technologists work in civil and Federal hospitals, clinics, doctor's offices, health departments, industrial medical departments and in training schools. The American Society of Radiologic Technologists reports that the demand for technologists is much greater than the number of persons expected to graduate from approved courses in Radiologic Technology.

ADDITIONAL INFORMATION: Write: Any of the above hospitals in care of the Department of Radiology

VETERINARIAN

DESCRIPTION: Veterinarians keep animals free from disease by vaccinating them and teaching their owners how to feed and care for them properly. Veterinarians give medical or surgical care to sick or injured animals. And, finally, they work to protect and promote human health. Veterinarians' observations, research and treatments have been applied in bettering man's health in the fields of surgery, internal medicine, cancer, tuberculosis and chronic diseases. They play an important part in protecting human beings from the various diseases that can spread from animals to man. Veterinarians also have important roles working with animals in the space program.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School	College Prep.	4 years
2. College	Science, Biology, Chemistry	2-4 years
3. School of Veterinary Medicine		4 years 6 years minimum for D.V.M.

IDAHO SCHOOLS:

	Length of Program	Degree or Certificate
University of Idaho* Moscow	4 years	B.S. (pre-veterinary medicine)

* While the University of Idaho has the only designated pre-veterinary program in the state, an acceptable pre-veterinary curriculum may be available at other Idaho colleges or universities. For further information, contact the Idaho Veterinary Medical Association.

OPPORTUNITIES: About two-thirds of all veterinarians are engaged in private practice. The remainder work in government service, research, teaching, industry, and the Veterinary Corps of the Army and Air Force.

ADDITIONAL INFORMATION:

Write: Idaho Veterinary Medical Association
716 Idaho Street
Boise, Idaho 83702

Veterinary Science Department
University of Idaho
Moscow, Idaho 83843

American Veterinary Medical Association
600 South Michigan Avenue
Chicago, Illinois 60605

ADDITIONAL INFORMATION: (CONT.)

Write: American Society of Radiologic Technologists
645 North Michigan Avenue
Chicago, Illinois 60611

American Registry of Radiologic Technologists
2600 Wayzata Boulevard
Minneapolis, Minnesota 55405

RADIATION THERAPY TECHNOLOGY

DESCRIPTION: Radiation therapy technology is an advanced field in radiologic technology. Candidates for this career must be registered radiologic technologists or registered nurses.

IDAHO SCHOOL OR HOSPITAL:	Length of Program	Degree or Certificate
St. Luke's Hospital Boise	1 year	Certificate

WARD CLERK

DESCRIPTION: The ward clerk works in the patient care unit in either a hospital or nursing home. Duties include answering the phone, working with patients' charts, relaying messages, making sure adequate supplies are on hand, and in general handling the clerical duties under the supervision of a nurse. This position requires a pleasant disposition and an ability to get along with people.

EDUCATION:

SCHOOL	STUDY	TIME
1. High School		4 years

IDAHO SCHOOL OR HOSPITAL:

	Length of Program	Degree or Certificate
Caldwell Memorial Hospital Caldwell	6 weeks	Certificate-- Affil. with School District #132

SCHOLARSHIP INFORMATION

Scholarships are one form of financial assistance available to the student interested in a health career. The following sections lists scholarships for specific health careers that are offered by national organizations and associations. Many local agencies and organizations also offer scholarships.* The Pacific Empire Life Insurance Company of Boise recently distributed Scholarship Opportunities for Idaho Students to Idaho school administrators and counselors. This publication includes information on scholarships, loans and financial aids available at the ten Idaho colleges and universities.

A variety of student loans as well as assistantships and study grants may be available. The student who has decided on a health career should contact the Office of Financial Aids of the college or university of his choice for more specific information.

Another career resource to be considered is the WICHE (Western Interstate Commission for Higher Education) Student Exchange program. This program promotes the sharing of western educational resources by providing opportunities for professional education when the specialty, such as medicine or dentistry, for example, is not offered within the boundaries of the sending state, through a system of student exchanges implemented at cooperating schools. Further information on this program is available from:

Armand Bird
Executive Director
Idaho Medical Association
407 West Bannock
Boise, Idaho 83702

* A scholarship offered by the Idaho Veterinary Medicine Association appears in this section.

FUND SOURCE	APPLY TO:	TYPES OF AID		SPECIAL REQUIREMENTS	APPLICATION DEADLINE
		SCHOLARSHIP	LOAN		
DENTAL ASSISTANTS:					
Juliette A. Southard Scholarship Trust Fund	Amer. Dental Assistants Association Scholarship Committee 211 East Chicago Avenue Chicago, Illinois 60611	39 - $200 each		Must be H.S. graduate or equivalent, proof of acceptance into approved school, will be judged on academic achievement, need, character and citizenship.	June 15
DENTAL HYGIENISTS:					
American Dental Hygienists' Assn.	Amer. Dental Hygienists' Association 211 East Chicago Avenue Chicago, Illinois 60611	3 - $2000 each		Must have Dental Hygiene Certificate. Must have 1 yr. work experience. Applicant must be 2nd year dental hygiene student.	
American Dental Hygienists' Assn.	Amer. Dental Hygienists' Association (See Above Address)	3 - Various amounts	Amounts vary		
DIETITIANS:					
American Dietetic Association	Amer. Dietetic Assn. 620 North Michigan Ave. Chicago, Illinois 60611	Amounts not listed	Amounts not listed	Graduates or undergraduates entering their junior or senior year may apply.	
ADA Undergraduate Scholarship	Amer. Dietetic Assn. 620 North Michigan Ave. Chicago, Illinois 60611	2 annually $250 each		Based on good scholarship and financial need. Must be college junior or senior preparing for career in dietetics and nutrition.	March 1

FUND SOURCE	APPLY TO:	TYPES OF AID		SPECIAL REQUIREMENTS	APPLICATION DEADLINE
		SCHOLARSHIP	LOAN		
DIETICIANS: (CONT.)					
Campbell Soup Company	Amer. Dietetic Assn. 620 North Michigan Avenue Chicago, Illinois 60611	Maximum $2000 annually		Based on financial need and scholastic standing. Must be outstanding junior student preparing for career in nutrition or dietetics.	
Edward B. Osborn, Trust Pres., Economics Laboratory, Inc.	See Above Address	4 annually $500 each		Based on good scholarship and financial need. Must be college junior or senior preparing for career in nutrition or dietetics.	March 1
Mead Johnson & Co.	See Above Address	10 annually $500 each		Must have completed bachelor's degree from accredited college majoring in foods and nutrition, institution mngmnt., or equivalent educational requirements. Must have been accepted for an ADA approved dietetic internship. Must show attributes for success in dietetics.	March 1
Eleanor L. Mitchell Memorial Scholarship	See Above Address	2 annually $500 each		Must be accepted for approved dietetic internship and have demonsrated leadership potential and attributes for success in dietetics.	March 1

FUND SOURCE	APPLY TO:	TYPES OF AID		SPECIAL REQUIREMENTS	APPLICATION DEADLINE
		SCHOLARSHIP	LOAN		
DIETICIANS: (CONT.)					
Loans for Dietetic Interns	Amer. Dietetic Assn. 620 North Michigan Ave. Chicago, Illinois 60611		Amounts ranging up to $500	Must have completed bachelor's degree from accredited college with major in foods and nutrition, institution mngmnt., or equivalent educational requirements. Must have been accepted for ADA approved dietetic internship. Promissory note required. Interest on loan charged at 2% annually with first payment due 2 yrs. from date of loan. Principal of the loan to be repaid 3 yrs. from date of loan. Based on need and scholastic standing.	Year-round
American Dietetic Association	Amer. Dietetic Assn. 620 North Michigan Ave. Chicago, Illinois 60611	Amounts not listed	Amounts not listed	Graduates or under-graduates entering their junior or senior year may apply.	
National Restaurant Assn. H.J. Heinz Company	Educational Director Nat. Restaurant Assn. 1530 N. Lake Shore Dr. Chicago, Illinois 60610	5 - $1000 each		Judged on scholastic ability, aptitude and interest in food service, ability to get along with people, leadership qualifications, character, & professional promise.	Feb. 1

FUND SOURCE	APPLY TO:	TYPES OF AID		SPECIAL REQUIREMENTS	APPLICATION DEADLINE
		SCHOLARSHIP	LOAN		
DIETICIANS: (CONT.)					
Hazel M. Hauck Fellowship in Human Nutrition	Amer. Dietetic Assn. 620 North Michigan Avenue Chicago, Illinois 60611	$2500 annually		Member of ADA who: (1) has been admitted to graduate school in good standing as advance degree candicate; (2) shows primary interest in area of human nutrition; and (3) shows need for financial help.	Feb. 15
Mead Johnson & Co.	See Above Address	2 annually $1000 each		Must be accepted for or enrolled in a graduate school. Must show interest to continue practice in dietetics. Must show attributes for success in dietetics.	Feb. 15
Mary Swartz Rose Fellowship	See Above Address	$1000		Members of ADA who: (1) rank in upper ¼ of graduating class; (2) major in field closely related to that in which fellowship is sought or have equivalent training; and (3) show promise of making valuable contribution to the profession.	Feb. 15

FUND SOURCE	APPLY TO:	TYPES OF AID		SPECIAL REQUIREMENTS	APPLICATION DEADLINE
		SCHOLARSHIP	LOAN		
DIETICIANS: (CONT.) U.S. Army	The Surgeon General Department of Army Attn: MEDPT - MP Washington, D.C. 20315	Work programs to complete professional education plus $200 monthly income		Must be foods and nutrition or institutional mngmnt. majors. Must be juniors or seniors in college.	
Dietary Products Foundation Award	Amer. Dietetic Assn. 620 North Michigan Ave. Chicago, Illinois 60611	2 annually $500 each		Must be ADA member or graduate student in nutrition or institutional mngmnt. in an accredited university.	May 1
Lydia J. Roberts Essay Award (award from Gerber Products)	Amer. Dietetic Assn. 620 North Michigan Avenue Chicago, Illinois 60611	$500 annually		Must be ADA member, dietetic intern enrolled in approved internship, or graduate student of nutrition in an accredited university. Award for best essay on a subject dealing with history of nutrition.	June 1

FUND SOURCE	APPLY TO:	TYPES OF AID: SCHOLARSHIP	TYPES OF AID: LOAN	SPECIAL REQUIREMENTS	APPLICATION DEADLINE
HOSPITAL ADMINISTRATION:					
American College of Hospital Administrators	Amer. College of Hospital Administrators 840 North Lake Shore Dr. Chicago, Illinois 60611		Amount not Specified	Loans are available to students at two stages of training; academic and residency. Must have completed successfully one semester in acceptable graduate program in hospital administration or must be taking residency in accepted program. (C.U. has course in hospital administration.)	
MEDICAL ASSISTANTS:					
Maxine Williams Fund Medical Assistants League	Amer. Assn. of Medical Assistants 510 North Dearborn Chicago, Illinois 60610		5 loans given. Limited to 1-$300 loan per state.	Must be high school graduate Must express interest to become a Certified Medical Assistant. Good character. Must attend Med. Asst. School approved by A.A.M.A. 2 letters of recommendation: 1 from h.s. principal 1 from source such as minister	July 1
Medical Assistant Certification Loan Fund	See Above Address		$50-$75	Must have been member of A.A.M.A. for 1 year, training for certification. Repayable $5/mo. within 2 year period.	Feb. 1

FUND SOURCE	APPLY TO:	TYPES OF AID		SPECIAL REQUIREMENTS	APPLICATION DEADLINE
		SCHOLARSHIP	LOAN		
DIETICIANS: (CONT.)					
U.S. Army	The Surgeon General Department of Army Attn: MEDPT - MP Washington, D.C. 20315	Work programs to complete professional education plus $200 monthly income		Must be foods and nutrition or institutional mngmnt. majors. Must be juniors or seniors in college.	
Dietary Products Foundation Award	Amer. Dietetic Assn. 620 North Michigan Ave. Chicago, Illinois 60611	2 annually $500 each		Must be ADA member or graduate student in nutrition or institutional mngmnt. in an accredited university.	May 1
Lydia J. Roberts Essay Award (award from Gerber Products)	Amer. Dietetic Assn. 620 North Michigan Avenue Chicago, Illinois 60611	$500 annually		Must be ADA member, dietetic intern enrolled in approved internship, or graduate student of nutrition in an accredited university. Award for best essay on a subject dealing with history of nutrition.	June 1

FUND SOURCE	APPLY TO:	TYPES OF AID		SPECIAL REQUIREMENTS	APPLICATION DEADLINE
		SCHOLARCHIP	LOAN		
MEDICAL RECORD LIBRARIANS:					
Grace Whiting Myers - Malcolm T. MacEachern Student Loan Fund	Foundation of Record Education Amer. Assn. of Med. Record Librarians 211 East Chicago Ave. Chicago, Illinois 60611		Up to $1500 2 up to $500 Up to $2400	Must be accepted to enter approved school for Med. Rec. Librarians. Must be accepted to enter approved school for Med. Rec. Technicians. Must be registered Med. Rec. Librarian who has been accepted for study for baccalaureate or advance degree. Must sign promissory note with 2 endorsements (U.S. citizens) Loan to be repaid within 3 yrs.: 1st year after grad. - no interest; 2nd yr. after grad. - 3% interest; 3rd yr. after grad. - 4% interest.	
MEDICAL TECHNOLOGY:					
Osborne A. Brines Memorial Scholarship	Natl. Committee for Careers in Med. Technology 9650 Rockville Pike Bethesda, Maryland 20014	Amount not specified		Based on financial need.	
Sara Crowson Undergraduate Scholarship	Amer. Society of Medical Technologists Suite 1600 Hermann Professional Bldgs. Houston, Texas 77025	1 - $5000		Must be high school graduate attending or enrolled in first year in college and intending to be a Medical Technologist.	April 15

FUND SOURCE	APPLY TO:	TYPES OF AID		SPECIAL REQUIREMENTS	APPLICATION DEADLINE
		SCHOLARSHIP	LOAN		
MEDICAL TECHNOLOGY: (CONT.)					
Junior College Scholarship or NCCMT Scholarship	Natl. Committee for Careers in Medical Technology 9650 Rockville Pike Bethesda, Maryland 20014	1 - $500		Must be student completing the second year of college, who wishes to take a 3rd pre-medical technology year at a 4 year college with intent to graduate.	April 15
U.S. Public Health Cytologist Training Grant	Cytology Department University of Colorado	4-$200/mo. for 12 mos. training (stipend)		Must have had 2 yrs. of prerequisite college and 12 semester hours of biological science.	Jan. 1
MEDICINE:					
American Medical Women's Association	Amer. Med. Women's Assn. 1740 Broadway New York, New York 10019		$500 renewable annually or semi-annually	Citizen of the United States Freshman may apply. Interest 4% per annum begins 6 mos. after graduation. Applicant must be interviewed by member physician after approved.	
National Medical Fellowships, Inc.	Natl. Med. Fellowships, Inc. 5545 S. University Avenue Chicago, Illinois 60637	Amount not specified	Amount not specified	Must be Negro student admitted to or attending medical school. Loans granted for advanced training in medical specialty.	March 1

FUND SOURCE	APPLY TO:	TYPES OF AID		SPECIAL REQUIREMENTS	APPLICATION DEADLINE
		SCHOLARSHIP	LOAN		
MEDICINE: (CONT.)					
American Medical Assn. Medical Education Loan Guarantee Fund	Amer. Medical Assn. 535 North Dearborn Street Chicago, Illinois 60610		$1500/yr. Maximum $10,000	Must be medical student, intern, or resident in good standing. If freshman, must have completed 1 semester. Must be enrolled in full time training at AMA approved medical school or hospital. No interest while in training and 7% while repaying after training, due in December, 10 yrs. to repay. Simple interest.	
MENTAL HEALTH:					
Mental Health Summer Work-Study Program - WICHE	Mr. Dutton Teague Western Interstate Commission on Higher Education University East Campus 30th Street Boulder, Colorado 80302	Amount not specified (Stipend for summer session.)		Must have completed 1 year of college. Indicate interest in mental health field or related areas.	

FUND SOURCE	APPLY TO:	TYPES OF AID		SPECIAL REQUIREMENTS	APPLICATION DEADLINE
		SCHOLARSHIP	LOAN		
NURSING, PROFESSIONAL					
Bergen Foundation	Bergen Foundation 6526 Sunset Boulevard Hollywood, California 90028		1 year approved expenses. May be applied to 2 or 3 yr. course.	Must have met entrance requirements of hospital she wishes to enter. No interest charge. Must repay loan upon graduation and subsequent employment.	
U.S. Navy	Your nearest U.S. Navy Recruiting Station	1 or 2 years subsidized training		Must be either junior or senior in accredited collegiate nursing program. Persons given 1 yr. or less training incur a 2 yr. active duty obligation. Persons with over 1 year of subsidized training incur a 3 yr. active duty obligation.	
Walter Reed Army Institute of Nursing	Army Careers CONARC Fort Monroe, VA 23351	Most expenses paid		High School graduates may obtain a Bachelor's Degree in Nursing. Must enlist in Army Reserves. Must enter Army Nurse Corps Res. after graduation and licensure.	

FUND SOURCE	APPLY TO:	TYPES OF AID		SPECIAL REQUIREMENTS	APPLICATION DEADLINE
		SCHOLARSHIP	LOAN		
NURSING, PROFESSIONAL: (CONT.)					
National Institute of Mental Health	Natl. Institute of Mental Health U.S. Public Health Service Bethesda, Maryland 20014	Amount not specified		Must be graduate nurse seeking specialized preparation in psychiatric mental health field. Or may be junior or senior in accredited collegiate school of nursing who intends to pursue field of mental health.	
Nurse Training Act of 1964	Mr. Ronald D. Thornton Financial Aid Officer U. of Colo. Medical Center 4200 East 9th Avenue Denver, Colo. 80220	Nursing Scholarship Program	Nursing Student Federal Loan	See description at end of listing.	
Nurses' Educational Funds	Nurses'Educational Funds 10 Columbus Circle New York, New York 10019	No amount specified	No amount specified	Granted to graduate nurses to equip them for advancement in nursing. Based on need and professional promise.	Feb. 1 preceding fall for which award is made.
U.S. Army	Army Careers CONARC Fort Monroe, VA 23351	1 yr. subsidized training		Must be 3rd yr. student in a 3 yr. nursing program or 3rd or 4th yr. student in 4 yr. program.	

FUND SOURCE	APPLY TO:	TYPES OF AID		SPECIAL REQUIREMENTS	APPLICATION DEADLINE
		SCHOLARSHIP	LOAN		
NURSING, PROFESSIONAL: (CONT.)					
Allstate Insurance Foundation	Allstate Insurance Company 888 Sherman Street Denver, Colorado 80203	10 - $300		Financial need. Satisfactory scholarship. To first year nursing student. Resident of Colorado or Rocky Mountain Region.	Early summer
OCCUPATIONAL THERAPY:					
Insured Tuition Payment Plan	Insured Tuition Payment Plan 38 Newbury Street Boston, Massachusetts 02116		Amount not specified	Must be either college student in pre-O.T. courses or O.T. student or O.T. graduate wanting advanced work.	
National Defense Student Loan Program	Apply to college of your choice		Amount not specified	Must be U.S. Citizen. Guaranteed low interest rate.	
Elks National Foundation	Elks National Foundation 40 Court Street Boston, Mass. 02108	Varies		Must be O.T. student from junior year up to graduate. Must plan to work in field of Cerebral Palsy on completion.	

FUND SOURCE	APPLY TO:	TYPES OF AID		SPECIAL REQUIREMENTS	APPLICATION DEADLINE
		SCHOLARSHIP	LOAN		
OCCUPATIONAL THERAPY: (CONT.)					
National Assn. of American Business Clubs	Natl. Assn. of American Business Clubs Scholarship Program P.O. Box 5127 High, Point, N.C. 27262	Varies		Must be college junior or senior accepted for or in an approved O.T. course. May be graduate elibigle for advanced standing course. Based on scholarship & need. No awards made to students receiving other scholarships.	May 30 or Oct. 31
National Society for Crippled Children & Adults, Inc.	Natl. Soc. for Crippled Children & Adults Personnel & Reporting 2023 West Ogden Avenue Chicago, Illinois 60612	$100 - $500		Must be O.T. student in senior yr. of clinical training period. Based on scholastic record, financial need and references. Must be U.S. Citizen.	
National Society for Crippled Children & Adults, Inc.	Natl. Society for Crippled Children & Adults (see address above)	$50 - $750		Must be registered O.T. eligible for membership in the American O.T. Assn. for advanced specialized training with Crebral Palsied. Study program must be conducted by member of American Academy for Cerebral Palsy.	Oct. 10 or April 1
United Cerebral Palsy Research & Educational Foundation, Inc.	Occupational Therapy Dir. at college of your choice	$100 - $1025 for tuition fees		Must be graduate or undergraduate student who has completed one semester in O.T. Based on scholarship and need.	

FUND SOURCE	APPLY TO:	TYPES OF AID		SPECIAL REQUIREMENTS	APPLICATION DEADLINE
		SCHOLARSHIP	LOAN		
OCCUPATIONAL THERAPY: (CONT.)					
U.S. Air Force	U.S. Air Force Headquarters Office of Surgeon General Washington D.C. 20333	Monthly salary as 2nd Lt. plus expenses		Tuition, fees and related costs paid by student. Must be female, single, between 21-26 yrs. old, U.S. Citizen. Must serve in Air Force hospitals 2 yrs. following completion.	Feb. 16
U.S. Army	U.S. Army Medical Service Office of Surgeon General Washington, D.C. 20315	$270 monthly as 2nd Lt. plus expenses		Must meet personal, physical and educational requirements of Dept. of the Army. Commission offered if you have completed the senior year in an approved O.T. school. Must be betwwen 21-27 yrs. old, U.S. Citizen. Must serve 2 yrs. including affiliation.	
U.S. Army	U.S. Army Medical Service Office of Surgeon General Washington, D.C. 20315	$227 monthly 12-24 month program		Must meet personal, physical and educational requirements of Dept. of the Army. Must be between 18-28 yrs. old, U.S. Citizen. Length of active duty depends on number of months student is in program.	

FUND SOURCE	APPLY TO:	TYPES OF AID		SPECIAL REQUIREMENTS	APPLICATION DEADLINE
		SCHOLARSHIP	LOAN		
OCCUPATIONAL THERAPY: (CONT.) U.S. Navy	Chief, Medical Service Corps Bureau of Medicine & Surgery Navy Department Washington, D.C. 20390	$390 monthly plus uniforms		Must have completed all but final 12 months of approved O.T. course. Must be morally and physically qualified for commission in Naval Reserve. Must be female, single, 18-32 yrs. old, U.S. Citizen. Must serve 2 yrs. active duty on completion of training.	
U.S. Dept. of Health, Education & Welfare	Rehabilitation Services Administration. Social & Rehab. Service, Traineeships Dept. of HEW Washington, DC. 20201	$200-$3400/ year depending on level of study plus tuition and fees		Must be student enrolled in approved O.T. curriculum. Based on scholastic record, aptitude, personality. Must be U.S. Citizen. May not receive other Federal educational benefits during traineeship.	
Amvets Memorial Scholarship	Post Office Box 19025 20th Street Station Washington, D.C. 20036	Amount not specified		Must be child of deceased or totally disabled veteran of World War II or Korean War.	
Natl. Honor Society	Executive Secretary Natl. Assn. of Secondary School Principals 1201 16th Street N.W. Washington, D.C. 20036	Amount not specified		Must be high school graduate.	

FUND SOURCE	APPLY TO:	TYPES OF AID		SPECIAL REQUIREMENTS	APPLICATION DEADLINE
		SCHOLARSHIP	LOAN		
OCCUPATIONAL THERAPY: (CONT.)					
Natl. Merit Scholarship Corporation	Natl. Merit Scholarship Corp. 1580 Sherman Avenue Evanston, Illinois 60201	Amount not specified		Must be high school graduates.	
Natl. School Service and Fund for Negro Students	Natl. School Service & Fund for Negro Students 6 East 82nd Street New York, New York 10028	Amount not specified		Negroes only. Must be high school graduate. May be either pre-O.T. student or in O.T. training.	
Rotary International	Apply only through local Rotary Club	Amount not specified		Must be O.T. graduate or registered O.T. for advanced work.	
PHARMACY:					

FUND SOURCE	APPLY TO:	TYPES OF AID		SPECIAL REQUIREMENTS	APPLICATION DEADLINE
		SCHOLARSHIP	LOAN		
PHYSICAL THERAPY:					
American Physical Therapy Assn.	American Physical Therapy Assn. 1790 Broadway New York, New York 10019	No aid specifically given by A.P.T.A. Listing of scholarships available throughout U.S. on request.		Financial need	
American Physical Therapy Assn. McMillan Scholarhsip Program	Inquire of Director of Physical Therapy at school of your choice	$500		High grade point average. Financial need. Awarded only to senior physical therapy majors.	
Natl. Soc. for Crippled Children and Adults	Personnel & Training Service 2023 W. Ogden Ave. Chicago, Illinois 60612	Amount not specified		Must be undergraduate in approved physical therapy curriculum.	
PUBLIC HEALTH:					
U.S. Public Health Service	Public Health Service Div. of General Health Serv. U.S. Dept. of Health Washington, D.C. 20203	Amount not specified		Available for graduate or specialized public health training for young persons who intend to enter or remain in public health field.	
U.S. Public Health Service	Training Resources Branch Div. of Comm. Health Serv. U.S. Public Health Serv. 800 North Quincy St. Arlington, VA 22203	Stipend, tuition and fees		Must have completed basic professional education and plan to enter public health field.	

FUND SOURCE	APPLY TO:	TYPES OF AID		SPECIAL REQUIREMENTS	APPLICATION DEADLINE
		SCHOLARSHIP	LOAN		
PUBLIC HEALTH: (CONT.)					
Natl. Institute of Health	Career Development Review Branch National Institutes of Health Bethesda, Maryland 20014	$1000-$6000 depending on level of training plus expenses		These are predoctoral, postdoctoral, and special fellowships to qualified students for research and academic careers in the basic clinical health sciences.	
Millbank Memorial Fund	Millbank Memorial Fund 40 Wall Street New York, New York 10005	Amount not specified (Fellowships) Amount varies with need		Must be engaged in the fields of demography (science of vital and social statistics, or of facts respecting the births, deaths, diseases, marriages, etc., of com. of people) and Public Health.	
VETERINARIAN:					
Idaho Veterinary Medicine Assn.	Idaho Veterinary Medicine Association 716 Idaho Street Boise, Idaho 83702	$150/ semester			

FUND SOURCE	APPLY TO:	TYPES OF AID		SPECIAL REQUIREMENTS	APPLICATION DEADLINE
		SCHOLARSHIP	LOAN		
MEDICAL AND ALLIED MEDICAL FIELDS: Public Law 89-290 Health Professions Education Amendments of 1965	Apply directly to schools of your choice	Scholarship grants to schools of medicine, dentistry, & pharmacy.	Loans to $2500	Needy students may receive maximum of $2500, depending on need. 12 mos. grace period after graduation 10 year repayment - 3% interest.	
Indian Health Employee's Scholarship Fund, Inc.	Indian Health Employee's Scholarship Fund, Inc. 422½ South Main Street Aberdeen, South Dakota 57401	Variable amounts Renewable Number varies		A health profession preferred, in accredited school, but other fields considered. Must be of Indian descent. Financial need.	Jan. 1 June 1 Oct. 1
COSTEP Commissioned Officer Student Training and Extern Program	Surgeon General Office of Personnel U.S. Public Health Serv. Washington, D.C. 20201	Traineeships		To be eligible, must be college student who has successfully completed first 2 yrs. of approved baccalaureate prog. in a health related field or student in approved educational program leading to degree in medicine, dentistry, nursing, pharmacy, veterinary medicine, science or health ed. Will be commissioned in inactive reserve of PHS Comm. Corps. May be called to active duty during vacations periods.	Nov. 1 for position in summer mos. or 6 mos. before date of availability for other months.

FUND SOURCE	APPLY TO:	TYPES OF AID		SPECIAL REQUIREMENTS	APPLICATION DEADLINE
		SCHOLARSHIP	LOAN		
UNRESTRICTED: DeMolay Foundations	DeMolay Foundation 201 East Armour Blvd. Kansas City, Missouri 64111	Amount based on need. Maximum $600	Amount based on need. Maximum $1200.	Preference to DeMolays and children of former DeMolays. Financial need.	2 mos. before beginning school.
Elks Foundation Scholarship	Elks National Foundation 40 Court Street Boston, Mass. 02108	$700-$1500 for 1 year 142 awards given		Must be U.S. Citizen and resident within jurisdiction of the Order. Must be in upper 5% of class. Based on scholarship, citizenship, personality, leadership, perseverence, resourcefulness, patriotism, financial need and general worthiness.	March 1
Procter & Gamble Fund	Director of Admissions Attn. Scholarship Com. School of your choice	188 - 4 yr. period. Includes full tuition, fees, books and supplies to max. of $2400 yr.		Based on financial need. Supplied only to non-tax supported colleges participating in P & G scholarship program.	Dec. 15

FUND SOURCE	APPLY TO:	TYPES O SCHOLARSHIP
UNRESTRICTED: (CONT.)		
American Legion Auxiliary Colorado Department Natl. President's Scholarships	President American Legion Auxiliary 3003 Teton Street Denver, Colorado 80211	1-$1500 gift 1-$1000 gift 10 in nation 2 in each division

TYPES OF AID		SPECIAL REQUIREMENTS	APPLICATION DEADLINE
HOLARSHIP	LOAN		
$1500 gift $1000 gift in nation, in each vision		Girls only: Children of deceased veterans of World War I, II, or Korean War. In senior yr. or graduate of accredited high school. Have not attended institution of higher learning. Need financial help to continue education. Letters of recommendation and original article written by applicant are required.	March 15

IDAHO HOSPITAL ADMINISTRATORS

The following list is provided as a guide to the student for making career inquiries at his local general hospital. The Administrator can give guidance in hospital based careers or can refer the student, for further information, to other hospital personnel in the student's area of interest.

CITY	HOSPITAL	ADMINISTRATOR
American Falls	Power County Hospital	Major Howard Ellis
Arco	Lost Rivers Hospital	Sister M. Muriel
Ashton	Ashton Memorial Hospital	Mrs. Helen Kent, R.N.
Blackfoot	Bingham Memorial Hospital	E. Lynn Reed
Boise	St. Alphonsus Hospital	Sister M. Peter James
	St. Luke's Hospital	E. E. Gilbertson
Bonners Ferry	Community Hospital	Larry E. Benton
Burley	Cassia Memorial Hospital	Robert G. Barton
Caldwell	Caldwell Memorial Hospital	John W. Hayman
Cascade	Valley County Hospital	Leonard Kolsky
Coeur d'Alene	Kootenai Memorial Hospital	Robert L. Jepsen
Cottonwood	St. Mary's Hospital	William Schongalla, Jr.

CITY	HOSPITAL	ADMINISTRATOR
Council	Community Hospital	Harold Whitaker
Downey	Marsh Valley Hospital	Alice B. Hyde, R.N.
Driggs	Teton Valley Hospital	Mrs. Ada Jones
Emmett	Walter Knox Memorial Hospital	Newton States
Gooding	Gooding County Memorial Hospital	Mrs. Frances Whorton
Grangeville	General Hospital	Orlo B. McMurphy
Hailey	Blaine County Hospital	Mrs. Christine Meanea
Idaho Falls	L.D.S. Hospital	Thomas Harris
	Sacred Heart Hospital	James Foerster
Jerome	St. Benedict's Hospital	Leon C. Felder
Kellogg	West Shoshone General Hospital	Ed H. Culver
Lewiston	St. Joseph's Hospital	Sister Helen Frances
Malad	Oneida Hospital	Mrs. Hanna Harris
McCall	McCall Memorial Hospital	Leonard G. Golay
Montpelier	Bear Lake Memorial Hospital	James D. Morgan
Moscow	Gritman Memorial Hospital	L. Clay Boyd
Mountain Home	Elmore Memorial Hospital	Joseph W. Terrell
Nampa	Mercy Medical Center	Sister Mary Terese Tracy
Orofino	Clearwater Valley Hospital	Mrs. Merle Loseth

CITY	HOSPITAL	ADMINISTRATOR
Pocatello	Bannock Memorial Hospital	Robert S. Smith, Jr.
	St. Anthony Community Hospital	Sister M. Martina Woulfe
Preston	Franklin County Hospital	Dean Palmer
Rexburg	Madison Memorial Hospital	William Jones
Rupert	Minidoka Memorial Hospital	Ed Richardson
St. Anthony	Fremont General Hospital	Paul Romrell
St. Maries	Benewah Community Hospital	B. D. Jackson
Salmon	Steele Memorial Hospital	Gerald J. Butler
Sandpoint	Bonner General Hospital	James E. Breinich
Silverton	East Shoshone Hospital	Joseph T. Richardson
Soda Springs	Caribou Memorial Hospital	Pearl S. Fryar
Sun Valley	Sun Valley Village Hospital	G. Robert Ackerman
Twin Falls	Magic Valley Memorial Hospital	Mrs. Irene E. Oliver
	Twin Falls Clinic and Hospital	Wayne Annis
Weiser	Memorial Hospital	Richard Randall